

From: [Joel Karmazyn](#)
To: [Payton, Richard](#)
Cc: mberger@utah.gov; [Mcneill, Dave](#)
Subject: Re: July 4 demo needs
Date: Thursday, April 18, 2019 12:23:22 PM
Attachments: [RP final with comment letter.pdf](#)

Richard,

Please see attached revised Rose Park July 4, 2017 EE documentation.

On Wed, Apr 17, 2019 at 2:06 PM Payton, Richard <Payton.Richard@epa.gov> wrote:

Joel: to establish a clear causal relationship, please state where fireworks were used relative to the impacted monitor, and how winds transported the fireworks emissions to the monitor. We ask that you evaluate how often PM2.5 is exceeded in summer months (at a minimum, full year with seasonal breakouts would also work), and due to what causes (winds, fireworks, wildfire in summer) to show whether it is likely that only fireworks could have caused the July 4 exceedance, or, if other causes are also possible (like wildfire) you have reasons to believe wildfire did not contribute to July 4, 2017. Finally, you should state whether you believe personal use of fireworks, large displays, or both caused the exceedance on July 4.

Thanks

Richard Payton

EPA Region 8 Air Quality Monitoring

(303) 312-6439

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*Joel Karmazyn
Environmental Scientist
Utah Div of Air Quality
(801) 536-4423*